

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Stuart D. Downes, Jin Liang, and Larry Norris  
Serial No.: 10/674,080  
For: TECHNIQUES FOR CREATING OPTIMIZED PAD GEOMETRIES FOR  
SOLDERING  
Filing Date: September 29, 2003  
Examiner: Edmondson, Lynne Renee  
Art Unit: 1725  
Conf. No.: 2177

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Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: **MAIL STOP AMENDMENT**, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on:

Date: July 6, 2005

By: Farah Z. Frasco  
(Typed or printed name of person mailing  
Document, whose signature appears below)

Signature: Farah Z. Frasco

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**MAIL STOP AMENDMENT**  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

**TRANSMITTAL LETTER**

Sir:

Enclosed is/are:

- [x] Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- [x] Response to Restriction Requirement, Total Pages: 2;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;
- [x] Authorization to charge Deposit Account No. 50-0901, if necessary.

U.S. Application No.: 10/674,080

Attorney Docket No.: EMC03-11(03063)

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	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	32	32	0	X \$50.00	= \$0.00
Independent Claims	5	5	0	X \$200.00	= \$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>= \$0.00</b>

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,



David E. Huang, Esq.  
Attorney for Applicant(s)  
USPTO Registration No.: 39,229  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: EMC03-11(03063)

Dated: July 6, 2005



ATTORNEY DOCKET NO.: EMC03-11(03063)

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**MAIL STOP AMENDMENT**  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

Dear Sir:

This paper is responsive to the Office Action mailed on June 21, 2005 in connection with the above-identified Application.

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The Office Action imposed a restriction by requiring that Applicants elect one of Group I (Claims 1-9 and 26-28) and Group II (Claims 10-25 and 29-32).

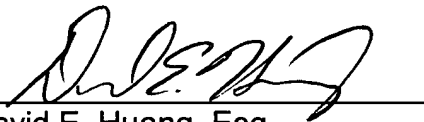
Applicants elect, without traverse, the claims of Group I, i.e., Claims 1-9 and 26-28.

Applicants expressly reserve the right to pursue claims of at least the scope of the non-elected claims (i.e., claims 10-25 and 29-32) in one or more related Applications.

An early and favorable communication is hereby earnestly requested. If the Examiner believes, after this Response, that the Application is not in condition for allowance, the Examiner is requested to call the Applicants Representative collect at (508) 366-9600, in Westborough, Massachusetts.

Applicants hereby petition for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this Response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

Respectfully submitted,



David E. Huang, Esq.  
Attorney for Applicant  
Registration No.: 39,229  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
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Attorney Docket No.: EMC03-11(03063)

Dated: July 6, 2005